

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An image monitoring apparatus for an elevator, comprising:

image recording means for recording ~~an image in a sequence of images of an interior of a car~~ photographed by a camera, with a delay between the recording of successive images in the sequence of images of the interior of the car; and monitoring

means for determining a moving amount of a passenger in the car based on a comparison between a newly photographed image in the sequence of images of the interior of the car and a previously photographed image in the sequence of images of the interior of the car;

means for detecting based on the image in the car whether or not there is a violent behavior of [[a]] the passenger in the car when the determined moving amount exceeds a reference value; and

means for displaying, arranged in the interior of the car, the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected, wherein

the image recording means ~~makes a recording density of the image in the car higher than usual~~ reduces the delay between the recording of the successive images in the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected.

Claim 2 (Withdrawn): An image monitoring apparatus for an elevator, comprising:  
operation control means for controlling operation of a car; and  
image recording means for recording an image in the car photographed by a camera, and monitoring based on the image in the car whether or not there is a violent behavior of a passenger in the car, wherein

the operation control means homes the car on a predetermined floor when the violent behavior of the passenger in the car is detected by the image recording means.

Claim 3 (Withdrawn): An image monitoring apparatus for an elevator, comprising:

operation control means for controlling operation of a car; and

image recording means for recording an image in the car photographed by a camera, and monitoring based on the image in the car whether or not there is a violent behavior of a passenger in the car, wherein

the operation control means causes a display unit to display an image in the car when the violent behavior of the passenger in the car is detected by the image recording means.

Claim 4 (Withdrawn): An image monitoring apparatus for an elevator, comprising:

operation control means for controlling operation of a car; and

image recording means for recording an image in the car photographed by a camera, and monitoring based on the image in the car whether or not there is a violent behavior of a passenger in the car, wherein

the operation control means announces detection of the violent behavior of the passenger in the car to the interior of the car when the violent behavior is detected by the image recording means.

Claim 5 (Withdrawn): An image monitoring apparatus for an elevator, comprising:

operation control means for controlling operation of a car;

remote monitoring means for monitoring a control state of operation of the car which is performed by the operation control means, and transmitting information on the control state to a remote monitoring center; and

image recording means for recording an image in the car photographed by a camera, and monitoring based on the image in the car whether or not there is a violent behavior of a passenger in the car, wherein

the remote monitoring means reports detection of the violent behavior of the passenger in the car to the monitoring center when the violent behavior is detected by the image recording means.

Claim 6 (Withdrawn): An image monitoring apparatus for an elevator, comprising:

operation control means for controlling operation of a car;

remote monitoring means for monitoring a control state of operation of the car which is performed by the operation control means, and transmitting information on the control state to a remote monitoring center; and

image recording means for recording an image in the car photographed by a camera, and monitoring based on the image in the car whether or not there is a violent behavior of a passenger in the car, wherein

the remote monitoring means transmits the images in the car of the passenger in the car to the monitoring center when the violent behavior is detected by the image recording means.

Claim 7 (New): The image monitoring apparatus for an elevator according to claim 1, wherein the means for detecting detects the violent behavior of the passenger in the car by comparing only certain regions of each of the successive images in the sequence of images of the interior of the car.

Claim 8 (New): An image monitoring apparatus for an elevator, comprising:

an image recording section configured to record a sequence of images of an interior of a car photographed by a camera, with a delay between the recording of successive images in the sequence of images of the interior of the car;

a detecting section configured to detect, based on an image in the sequence of images of the interior of the car, a violent behavior of a passenger in the car; and

a display unit arranged in the interior of the car and configured to display the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected, wherein

the image recording section reduces the delay between the recording of the successive images in the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected.

Claim 9 (New): The image monitoring apparatus for an elevator according to claim 8, wherein the detecting section is further configured to detect the violent behavior of the passenger in the car by comparing only certain regions of each of the successive images in the sequence of images of the interior of the car.

Claim 10 (New): A method of monitoring an image for an elevator, the method comprising:

recording a sequence of images of an interior of a car photographed by a camera, with a delay between the recording of successive images in the sequence of images of the interior of the car;

detecting, based on an image in the sequence of images of the interior of the car, a violent behavior of a passenger in the car;

displaying, on a display arranged in the interior of the car, the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected; and

reducing the delay between the recording of the successive images in the sequence of images of the interior of the car when the violent behavior of the passenger in the car is detected.

Claim 11 (New): The method of monitoring according to claim 10, further comprising:

detecting the violent behavior of the passenger in the car by comparing only certain regions of each of the successive images in the sequence of images of the interior of the car.